

1/18

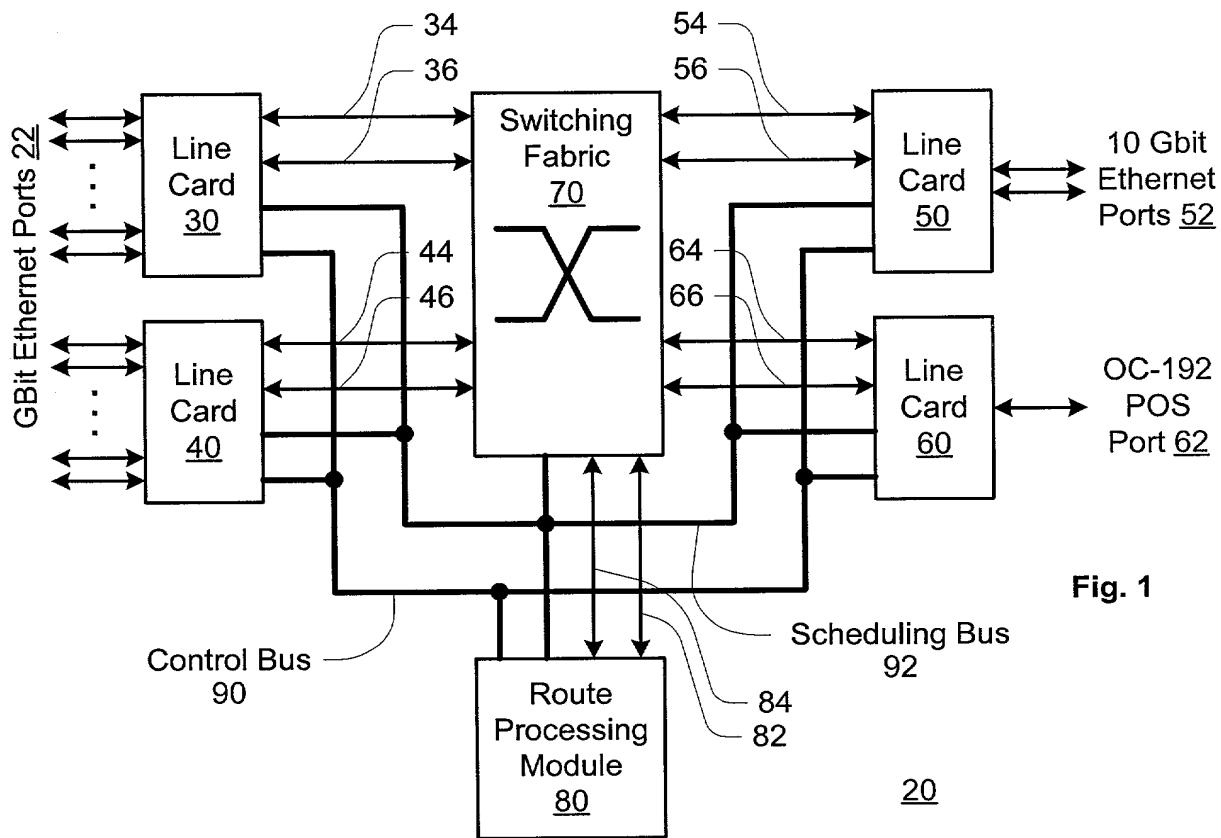


Fig. 1

20

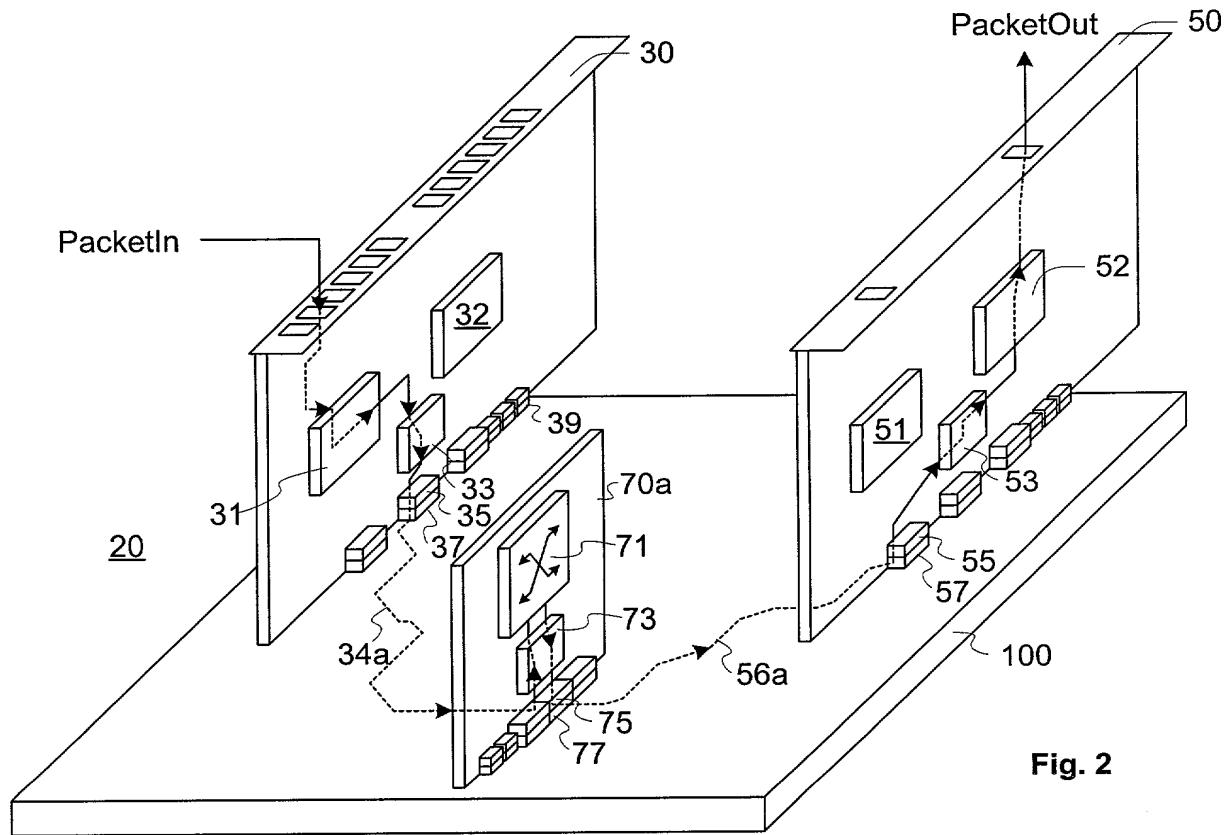


Fig. 2

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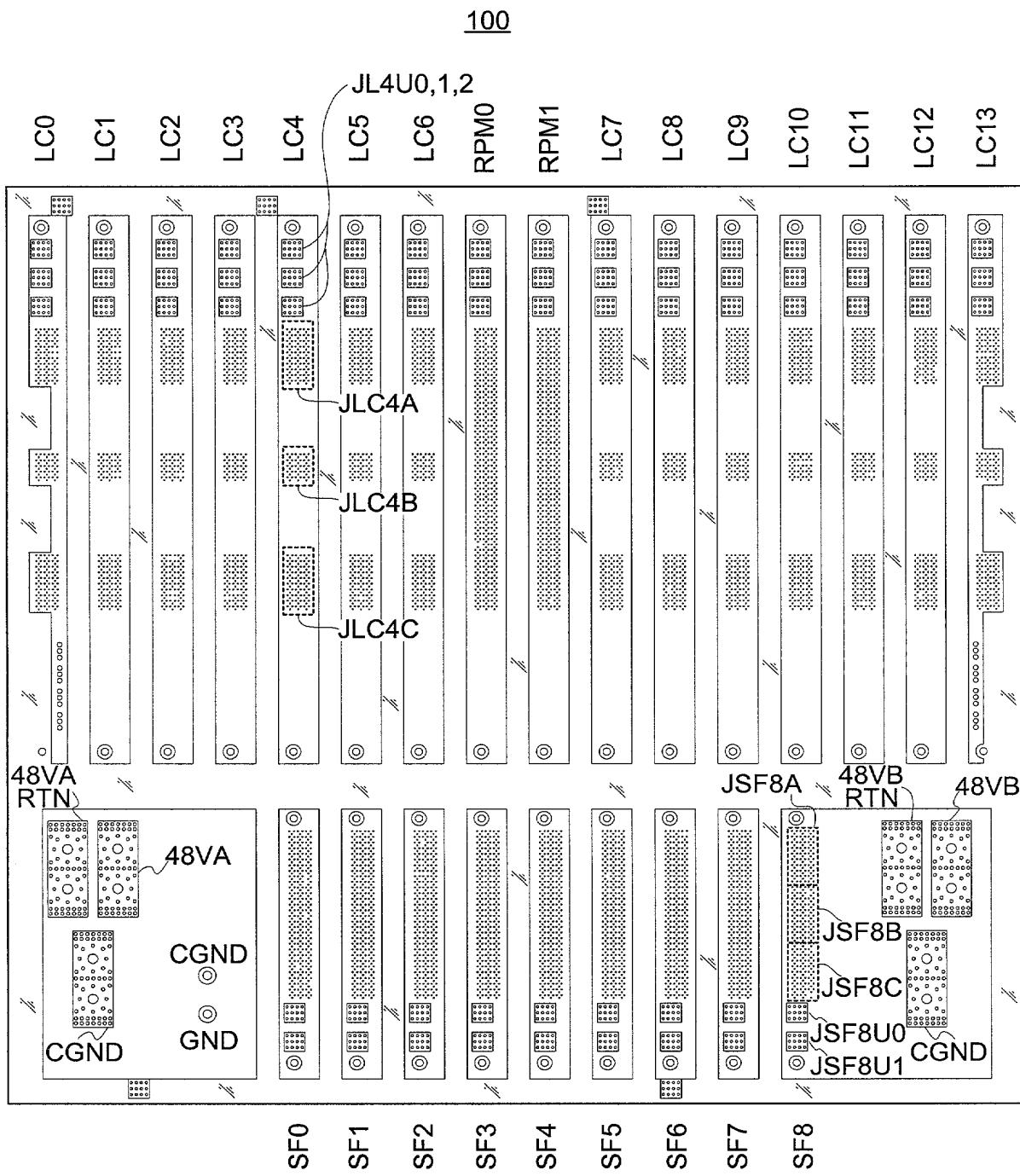


Fig. 3

100

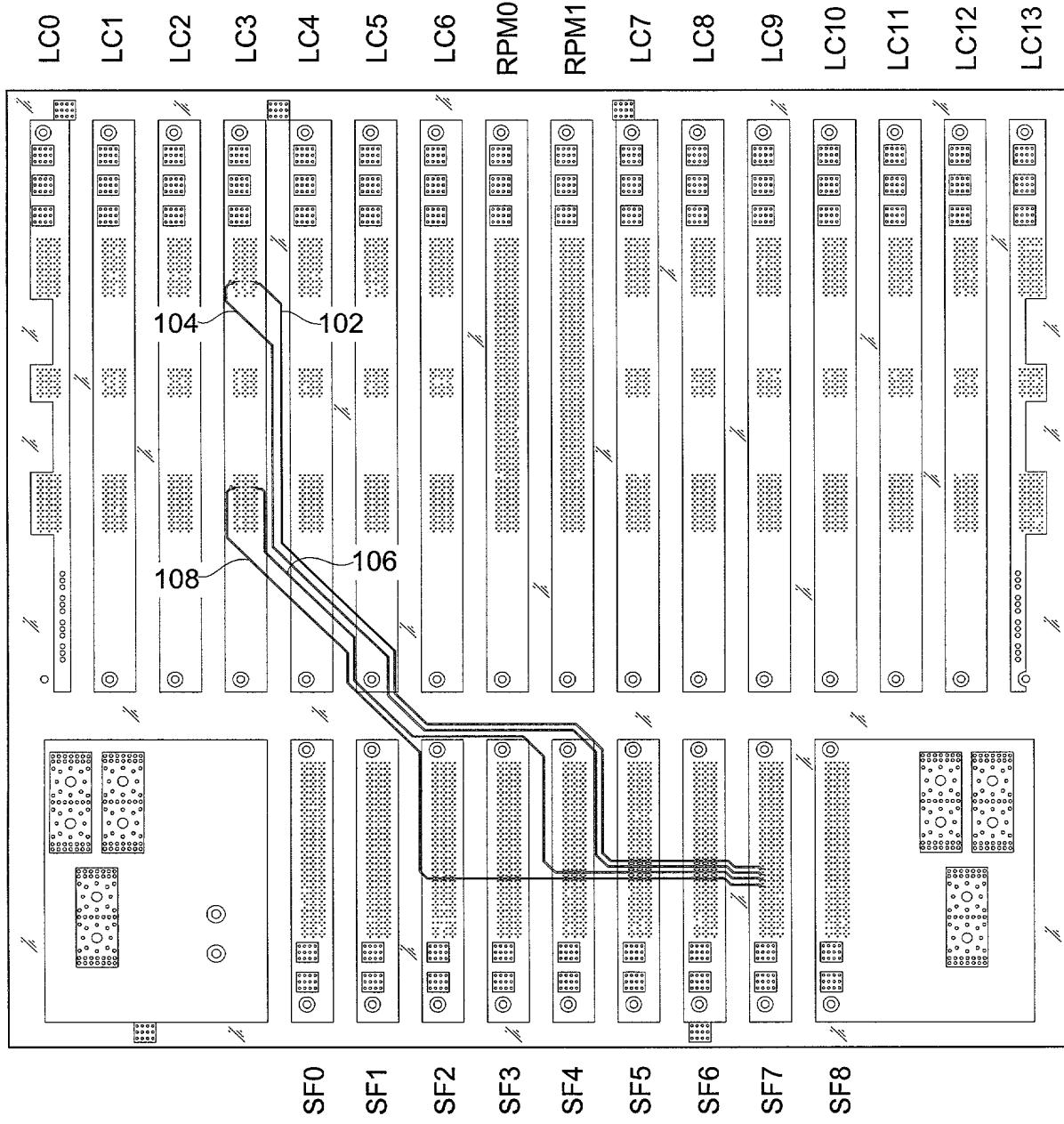


Fig. 4

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110

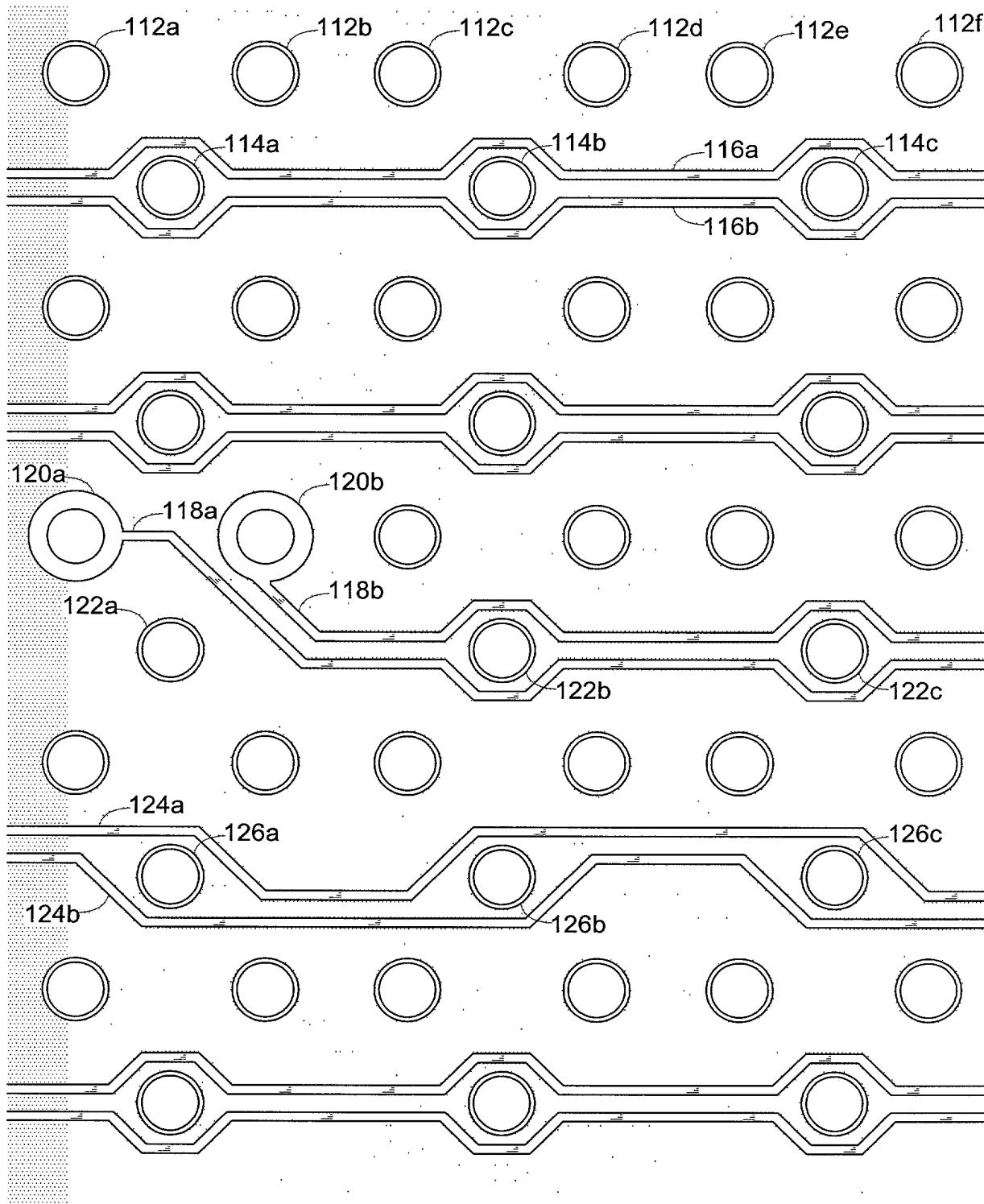


Fig. 5

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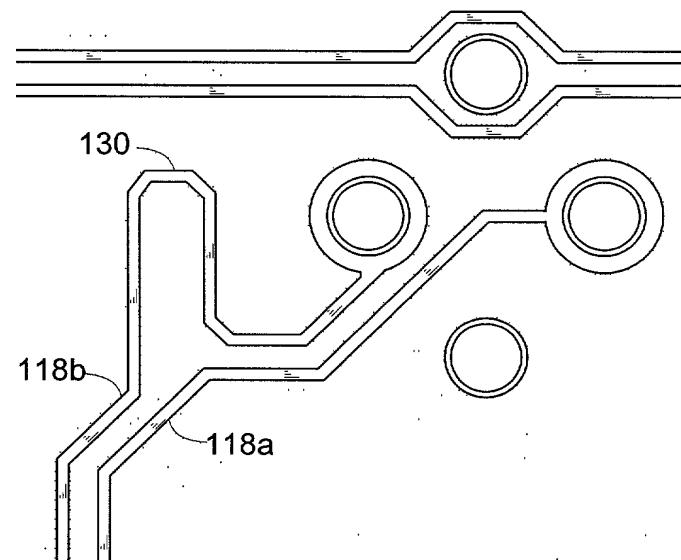


Fig. 6

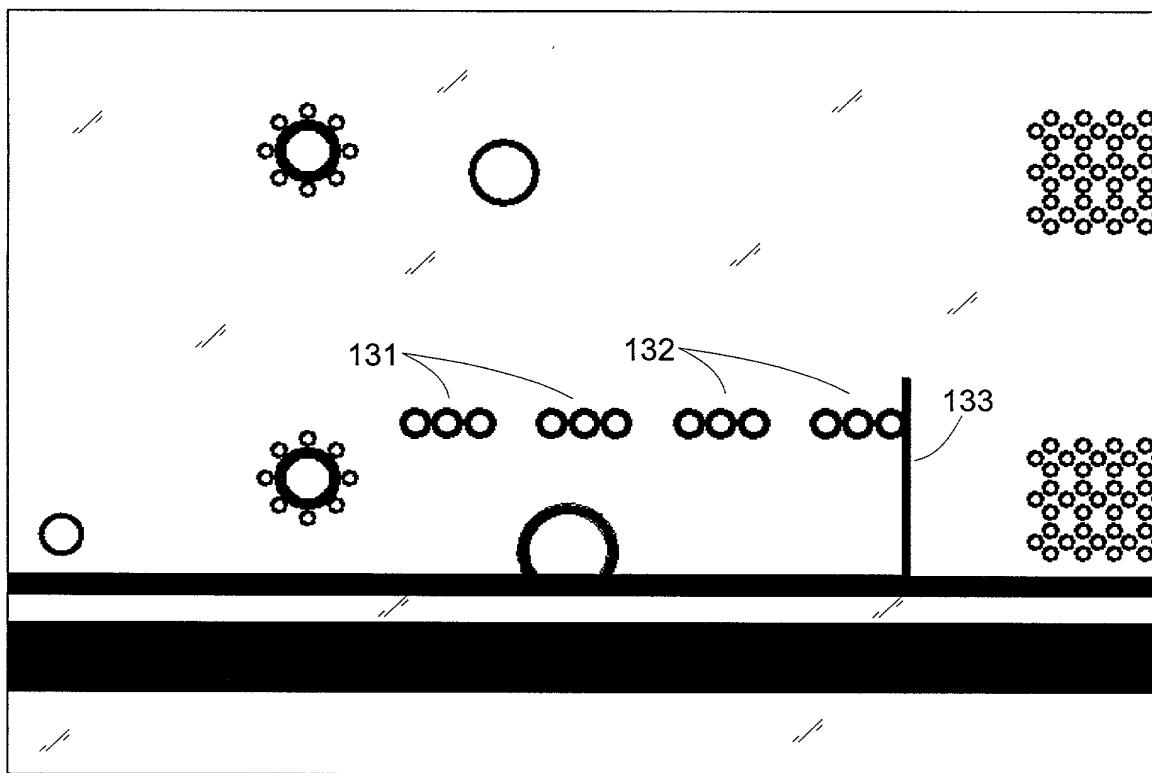


Fig. 7A

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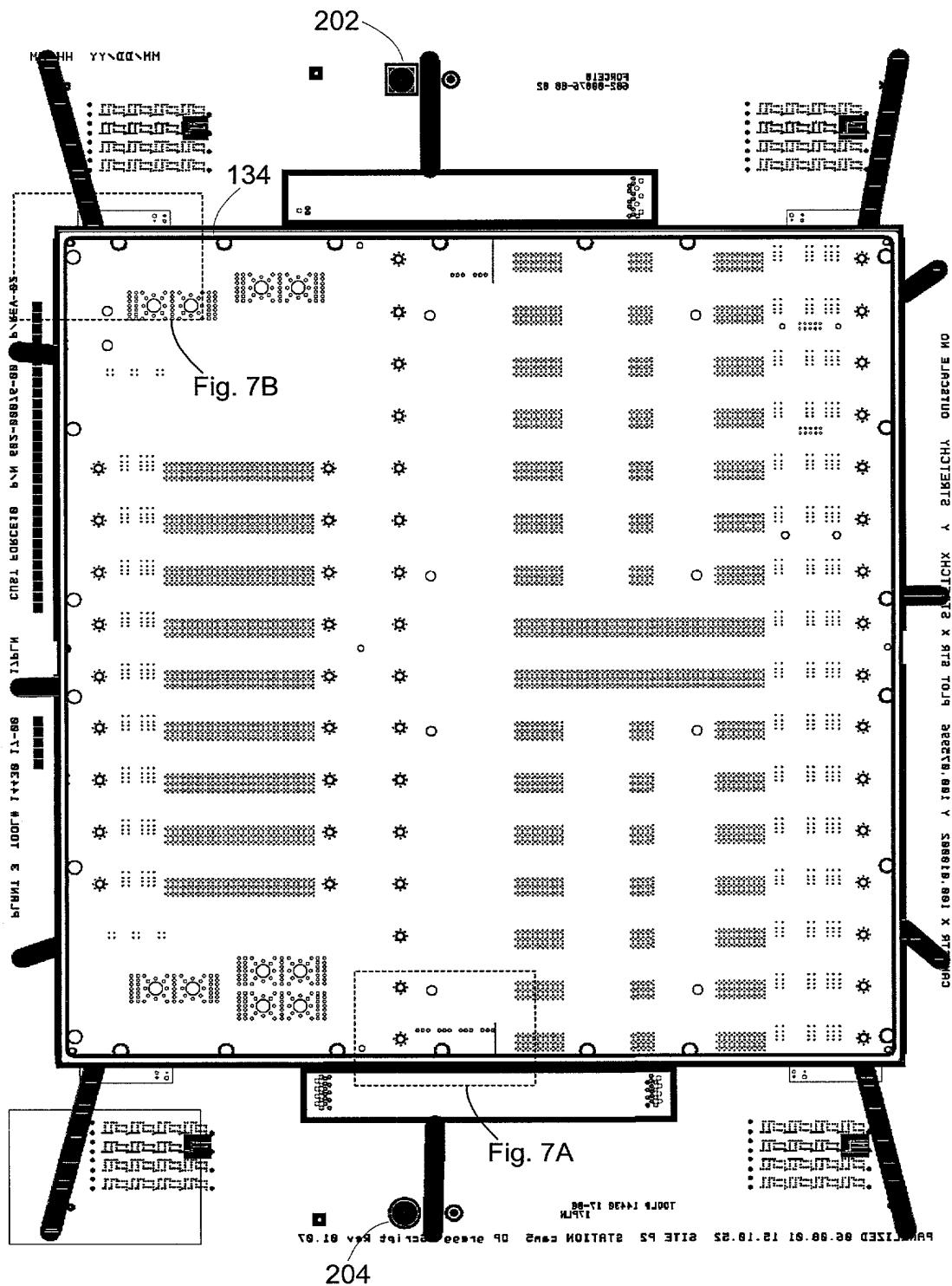


Fig. 7

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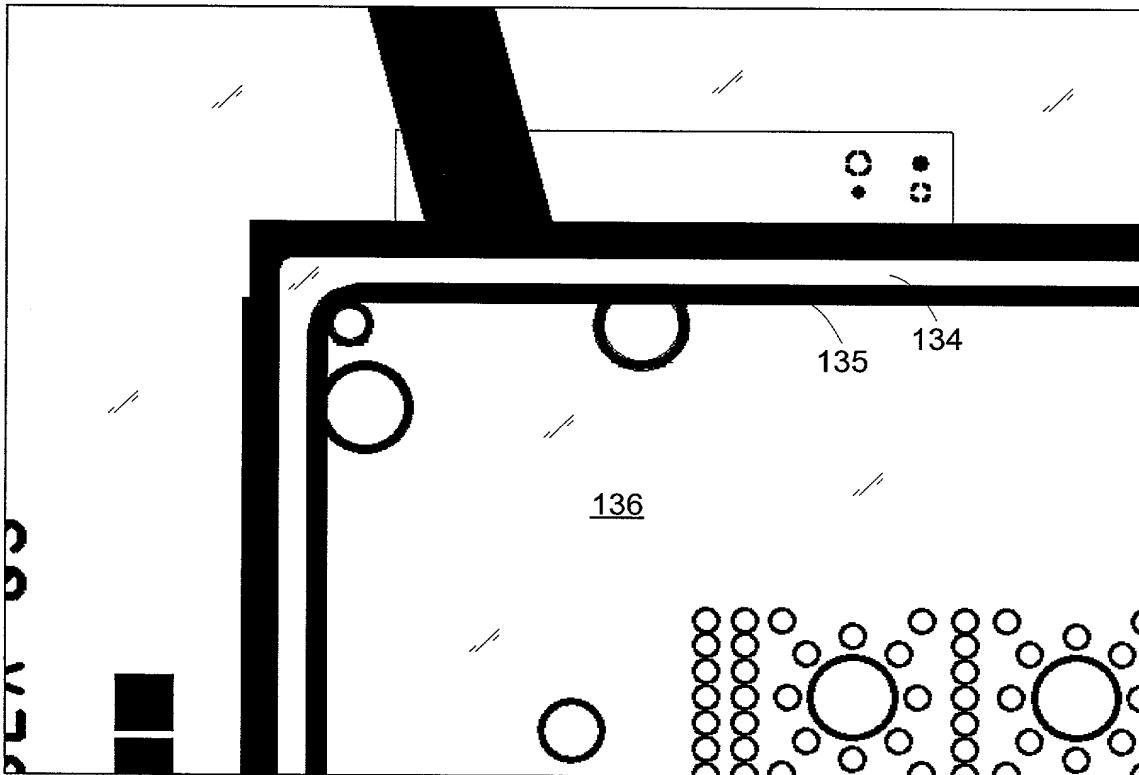
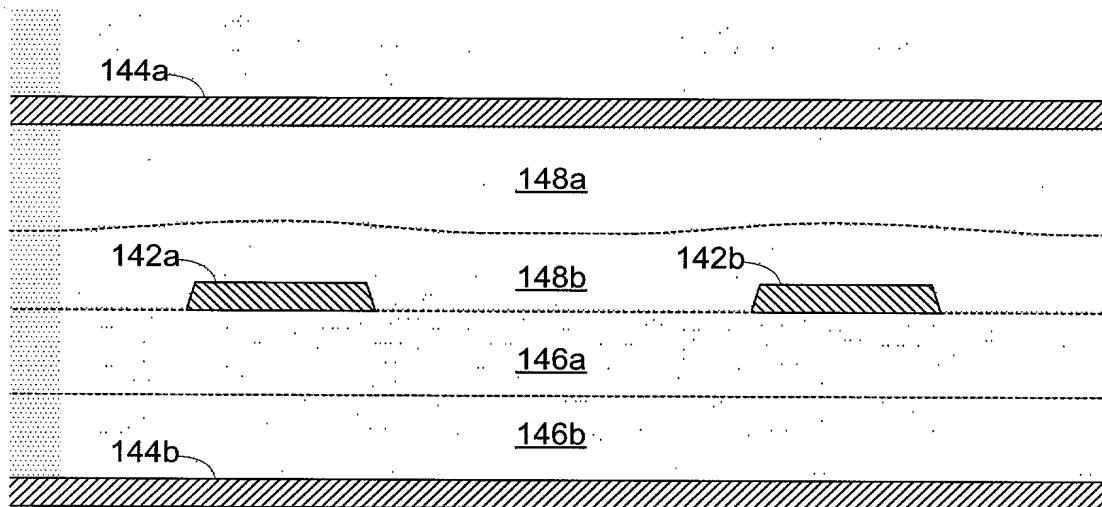


Fig. 7B



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Fig. 10

Conductive Layers			8/18	Insulating Layers	
Layer No.	Thickness	Type		Type	Thickness
L01 --{	2.0	Foil/Plating			
	1.2	Pads		Mask	0.7
L02	1.4	GND		B-stage	5.4
L03	1.4	HS1		Core	7.5
L04	1.4	GND		B-stage	6.9
L05	1.4	HS2		Core	7.5
L06	1.4	GND		B-stage	6.9
L07	1.4	HS3		Core	7.5
L08	1.4	GND		B-stage	6.9
L09	1.4	HS4		Core	7.5
L10	1.4	GND		B-stage	6.9
L11	1.4	HS5		Core	7.5
L12	1.4	GND		B-stage	6.9
L13	1.4	Signal x1		LS Core	5.0
L14	1.4	Signal y1		LS B-stage	4.0
L15	1.4	GND		LS Core	5.0
L16	5.6	A 48V rtn		LS B-stage	6.0
L17	5.6	A 48V dc		LS Core	6.0
L18	5.6	B 48V dc		LS B-stage	8.8
L19	5.6	B 48V rtn		LS Core	6.0
L20	1.4	GND		LS B-stage	6.0
L21	1.4	Signal y2		LS Core	5.0
L22	1.4	Signal x2		LS B-stage	4.0
L23	1.4	GND		LS Core	5.0
L24	1.4	HS6		B-stage	6.9
L25	1.4	GND		Core	7.5
L26	1.4	HS7		B-stage	6.9
L27	1.4	GND		Core	7.5
L28	1.4	HS8		B-stage	6.9
L29	1.4	GND		Core	7.5
L30	1.4	HS9		B-stage	6.9
L31	1.4	GND		Core	7.5
L32	1.4	HS10		B-stage	6.9
L33	1.4	GND		Core	7.5
L34 --{	1.2	Pads		B-stage	5.4
	2.0	Foil/Plating		Mask	0.7

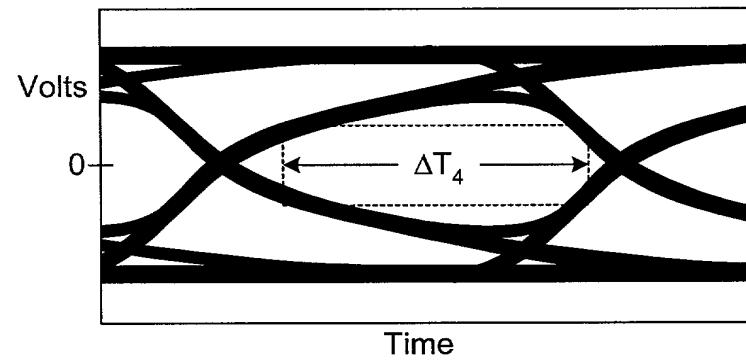
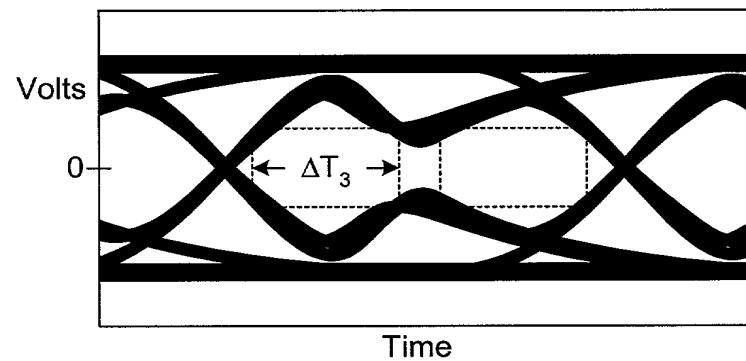
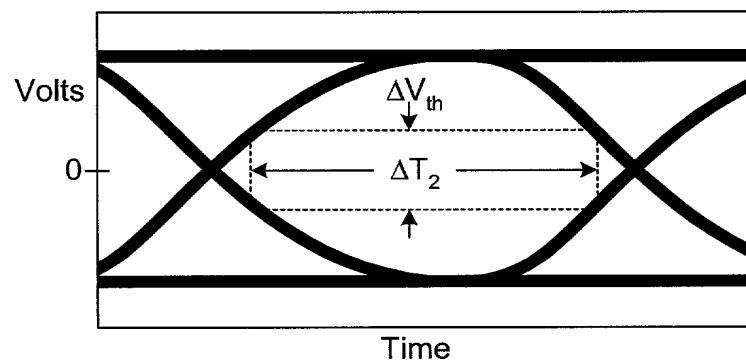
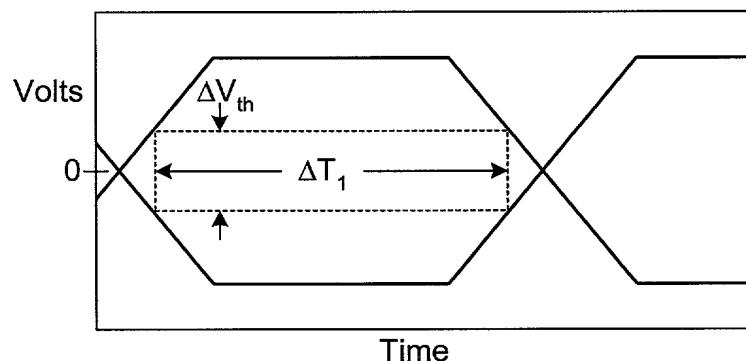
**Fig. 8**

Conductive Layers			9/18	Insulating Layers	
Layer No.	Thickness	Type		Type	Thickness
L01 --{	2.0	Foil/Plating			
	1.2	Pads		Mask	0.7
L02	1.4	GND		B-stage	5.4
L03	1.4	HS1		Core	7.5
L04	1.4	GND		B-stage	6.5
L05	1.4	HS2		Core	7.5
L06	1.4	GND		B-stage	6.5
L07	1.4	HS3		Core	7.5
L08	1.4	GND		B-stage	6.5
L09	1.4	HS4		Core	7.5
L10	1.4	GND		B-stage	6.5
L11	1.4	HS5		Core	7.5
L12	1.4	GND		B-stage	6.5
L13	1.4	Signal x1		Core	7.5
L14	1.4	Signal y1		B-stage	4.0
L15	1.4	GND		Core	7.5
				Lam 2 B-stg	9.0
				Lam 1 B-stg	8.5
L16	5.6	A 48V rtn		Core	6.0
L17	5.6	A 48V dc		Lam 1 B-stg	8.5
				Lam 2 B-stg	12.0
L18	5.6	B 48V dc		Core	6.0
L19	5.6	B 48V rtn		Lam 1 B-stg	8.5
				Lam 2 B-stg	9.0
L20	1.4	GND		Core	7.5
L21	1.4	Signal y2		B-stage	4.0
L22	1.4	Signal x2		Core	7.5
L23	1.4	GND		B-stage	6.9
L24	1.4	HS6		Core	7.5
L25	1.4	GND		B-stage	6.9
L26	1.4	HS7		Core	7.5
L27	1.4	GND		B-stage	6.9
L28	1.4	HS8		Core	7.5
L29	1.4	GND		B-stage	6.9
L30	1.4	HS9		Core	7.5
L31	1.4	GND		B-stage	6.9
L32	1.4	HS10		Core	7.5
L33	1.4	GND		B-stage	5.4
L34 --{	1.2	Pads		Core	7.5
	2.0	Foil/Plating		B-stage	0.7
				Mask	

**Fig. 9**

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L01-	Pads
L02-	GND
L03-	HS1
L04-	GND
L05-	HS2
L06-	GND
L07-	HS3
L08-	GND
L09-	HS4
L10-	GND
L11-	HS5
L12-	GND
L13-	Signal x1
L14-	Signal y1
L15-	GND
L16-	A 48V rtn
L17-	A 48V dc
L18-	B 48V dc
L19-	B 48V rtn
L20-	GND
L21-	Signal y2
L22-	Signal x2
L23-	GND
L24-	HS6
L25-	GND
L26-	HS7
L27-	GND
L28-	HS8
L29-	GND
L30-	HS9
L31-	GND
L32-	HS10
L33-	GND
L34-	Pads

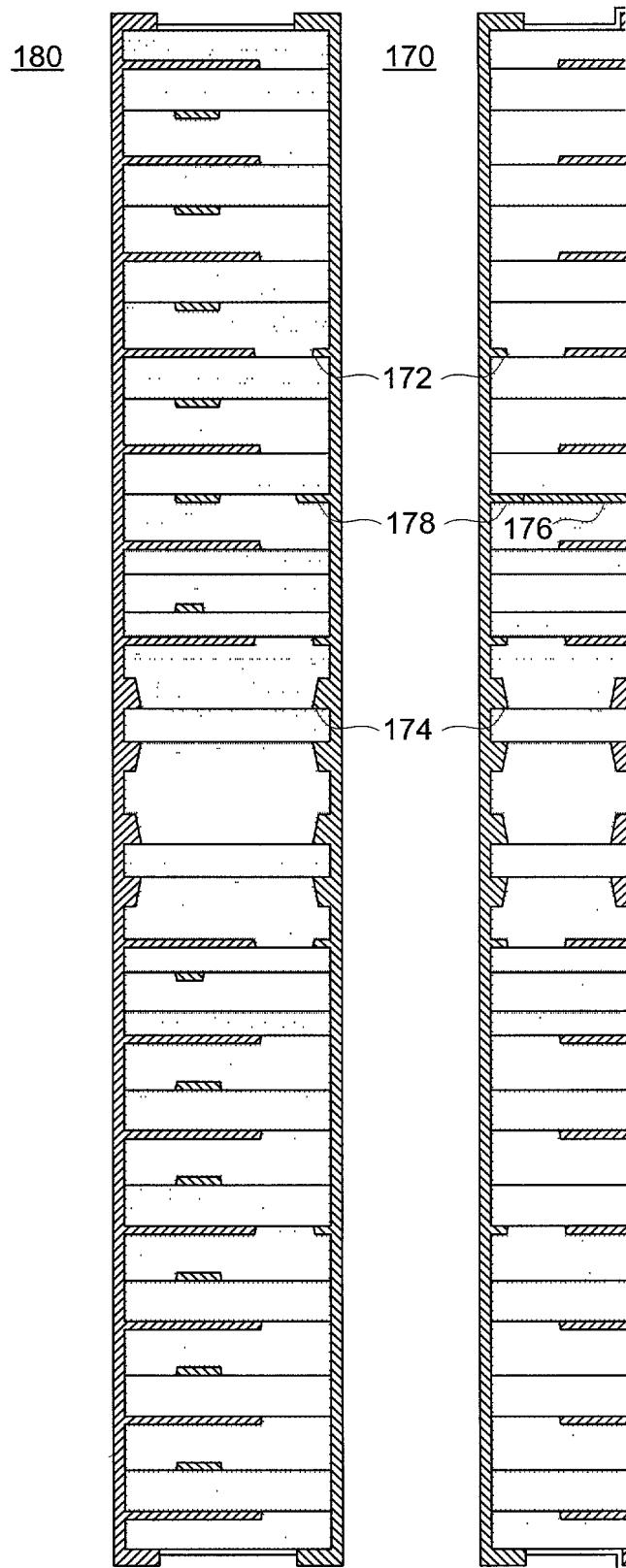


Fig. 15a

L01-	Pads	—
L02-	GND	—
L03-	HS1	—
L04-	GND	—
L05-	HS2	—
L06-	GND	—
L07-	HS3	—
L08-	GND	—
L09-	HS4	—
L10-	GND	—
L11-	HS5	—
L12-	GND	—
L13-	Signal x1	—
L14-	Signal y1	—
L15-	GND	—
L16-	A 48V rtn	—
L17-	A 48V dc	—

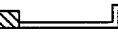
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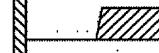


Fig. 15b

L18-	B 48V dc	—
L19-	B 48V rtn	—
L20-	GND	—
L21-	Signal y2	—
L22-	Signal x2	—
L23-	GND	—
L24-	HS6	—
L25-	GND	—
L26-	HS7	—
L27-	GND	—
L28-	HS8	—
L29-	GND	—
L30-	HS9	—
L31-	GND	—
L32-	HS10	—
L33-	GND	—
L34-	Pads	—

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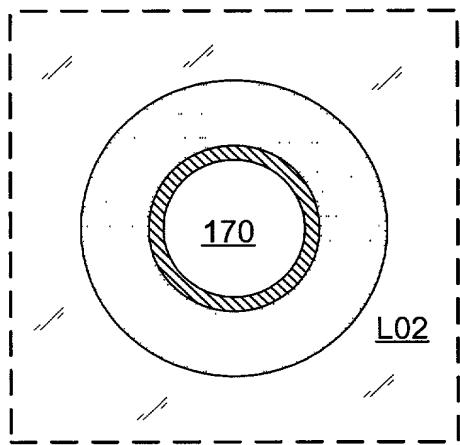


Fig. 16

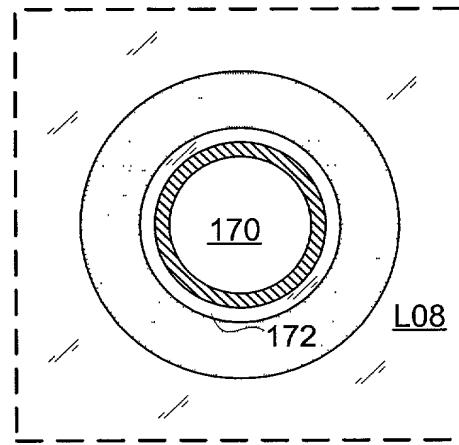


Fig. 17

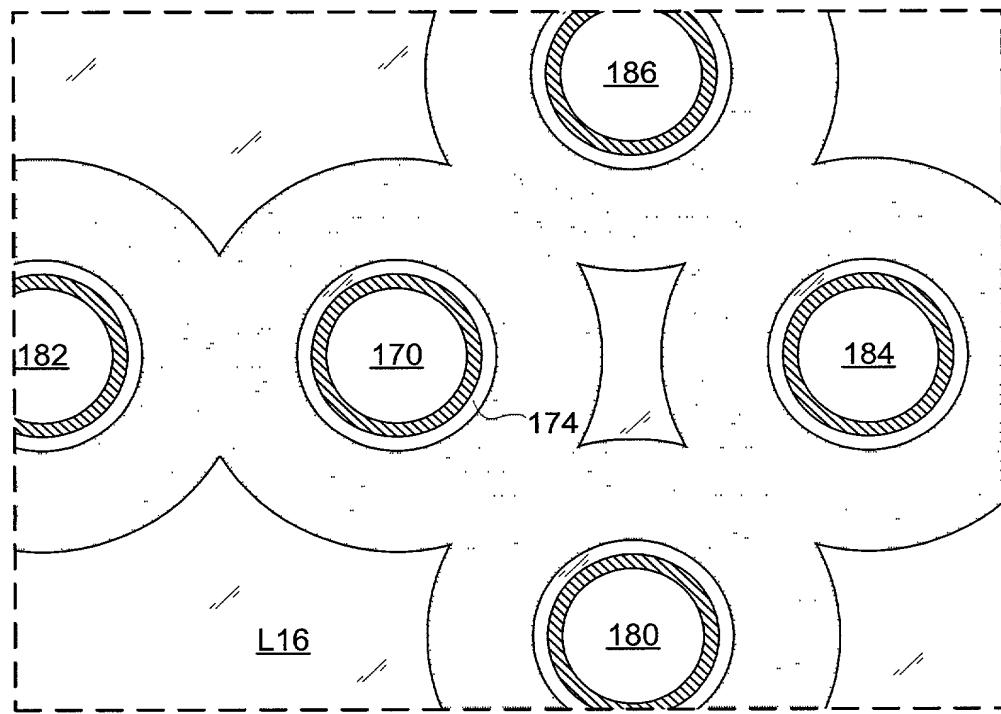


Fig. 18

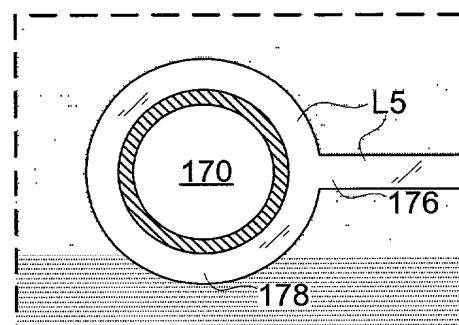
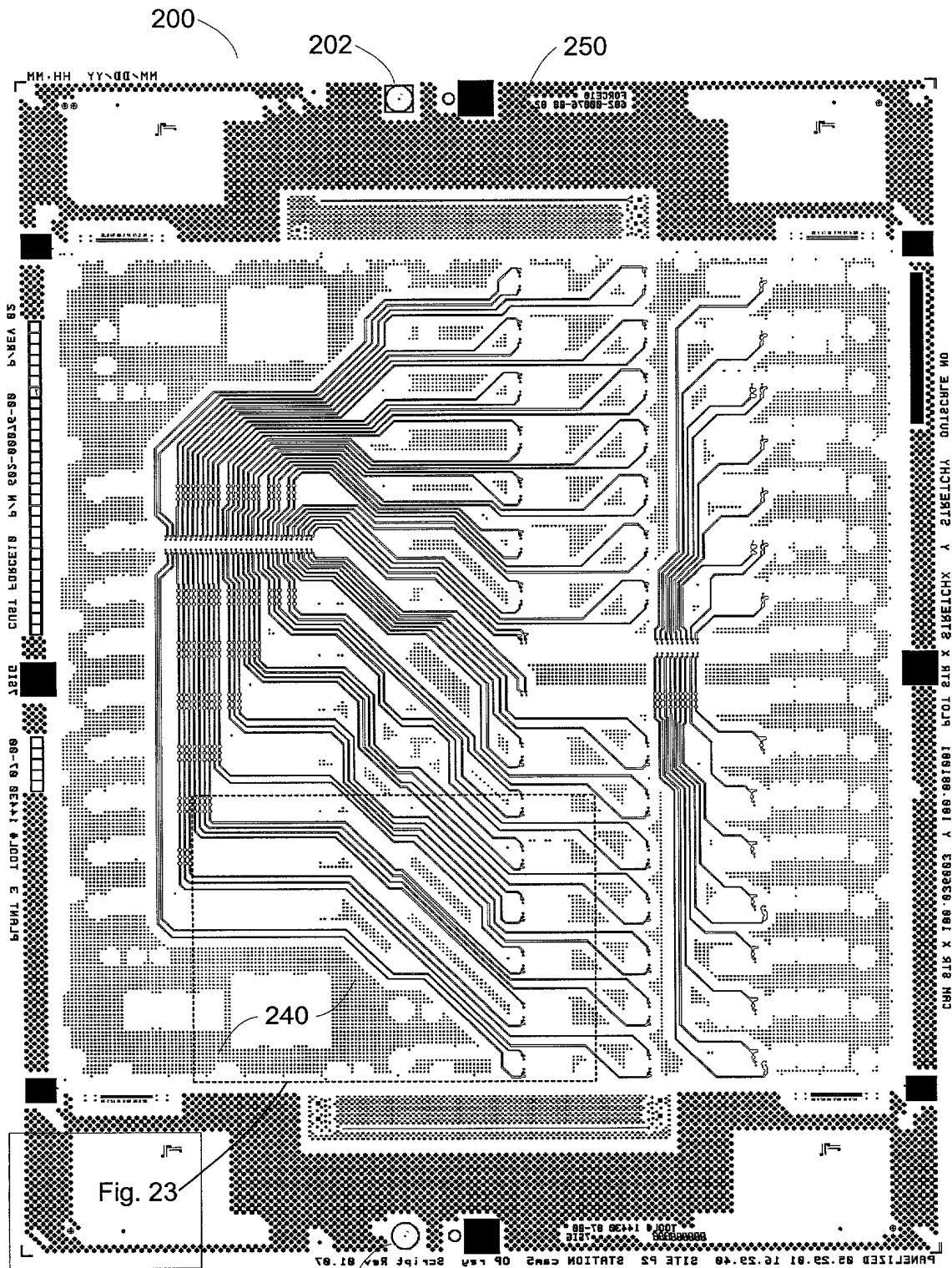


Fig. 19

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Fig. 20

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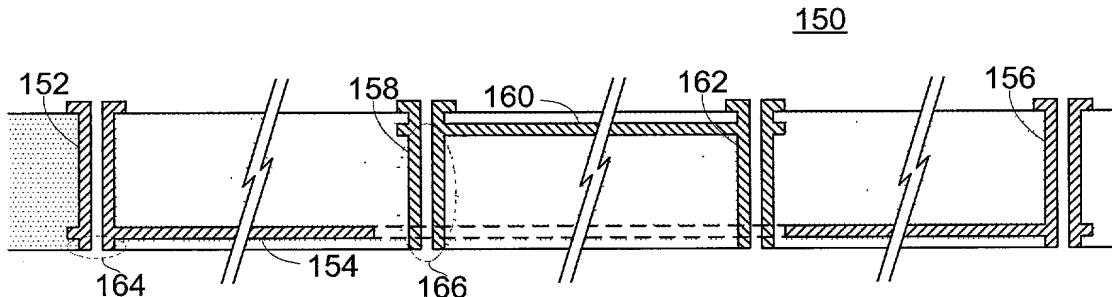


Fig. 21

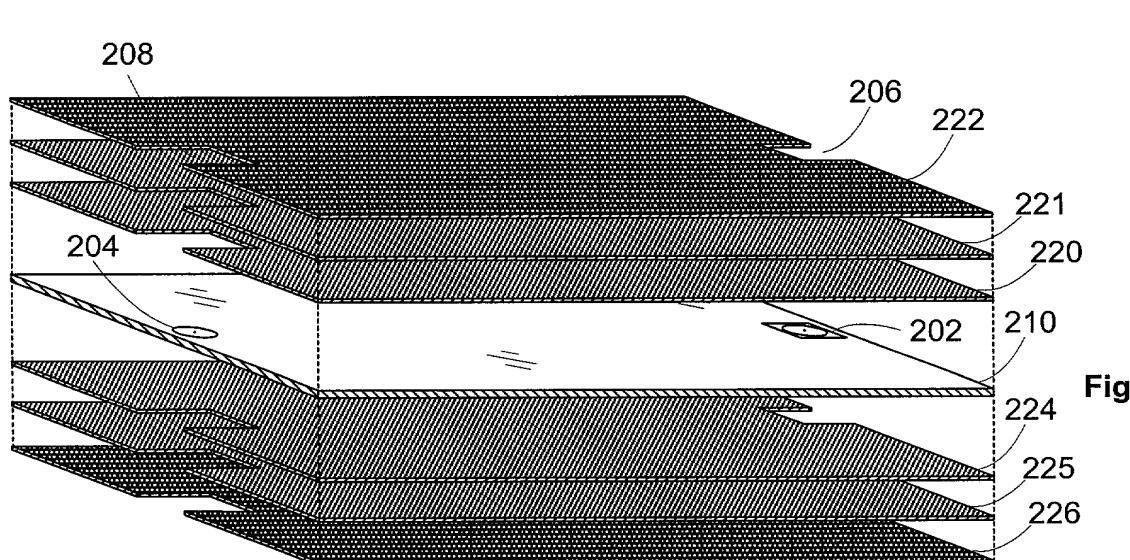


Fig. 22a

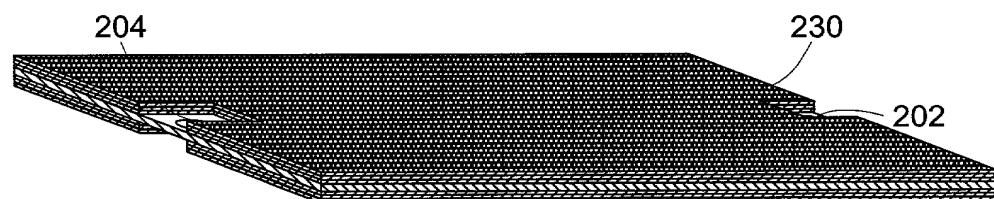


Fig. 22b

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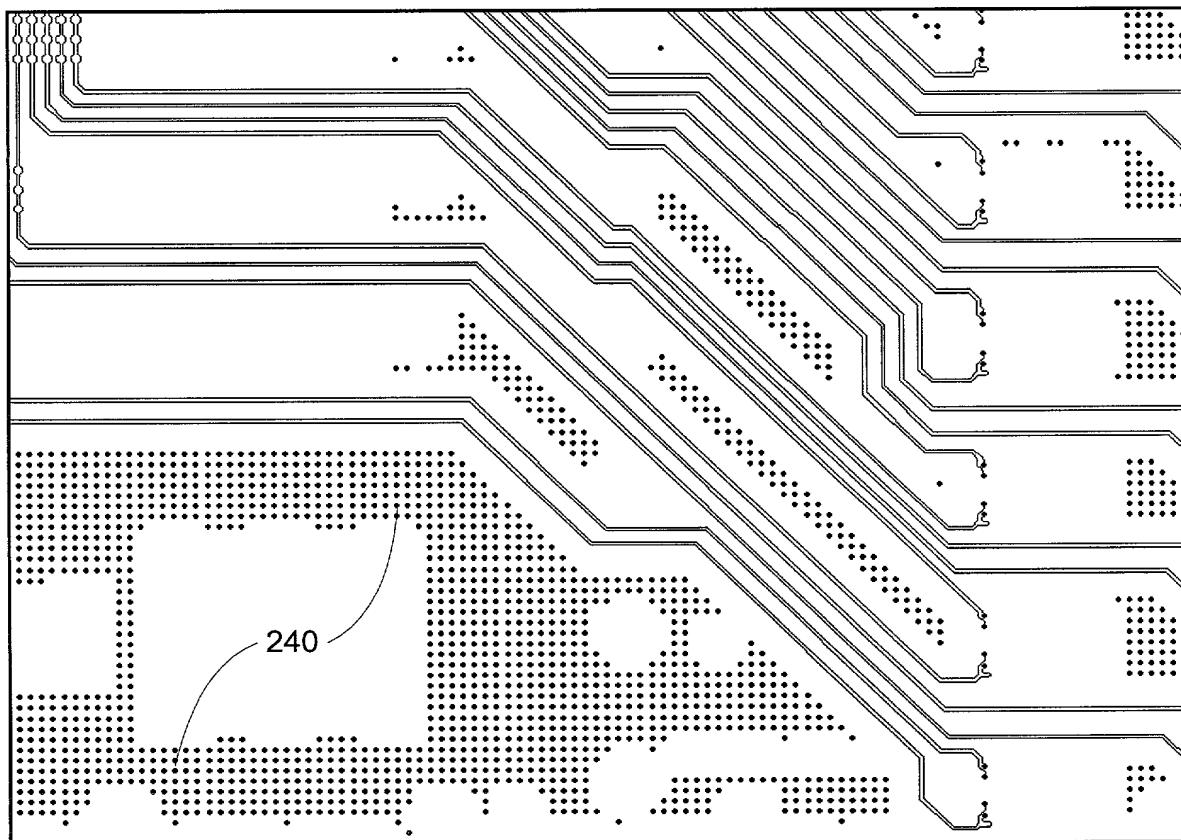
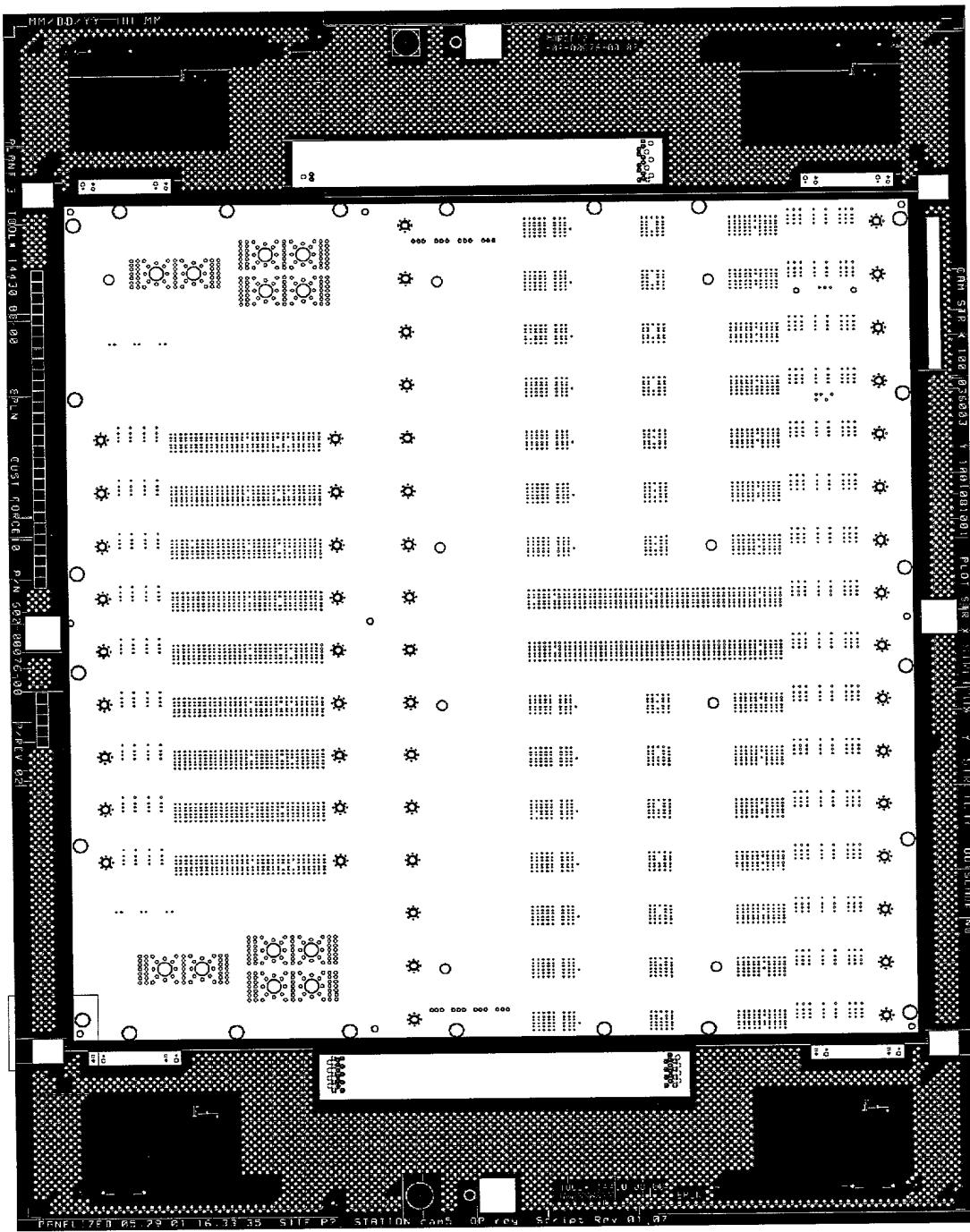


Fig. 23



**Fig. 24**

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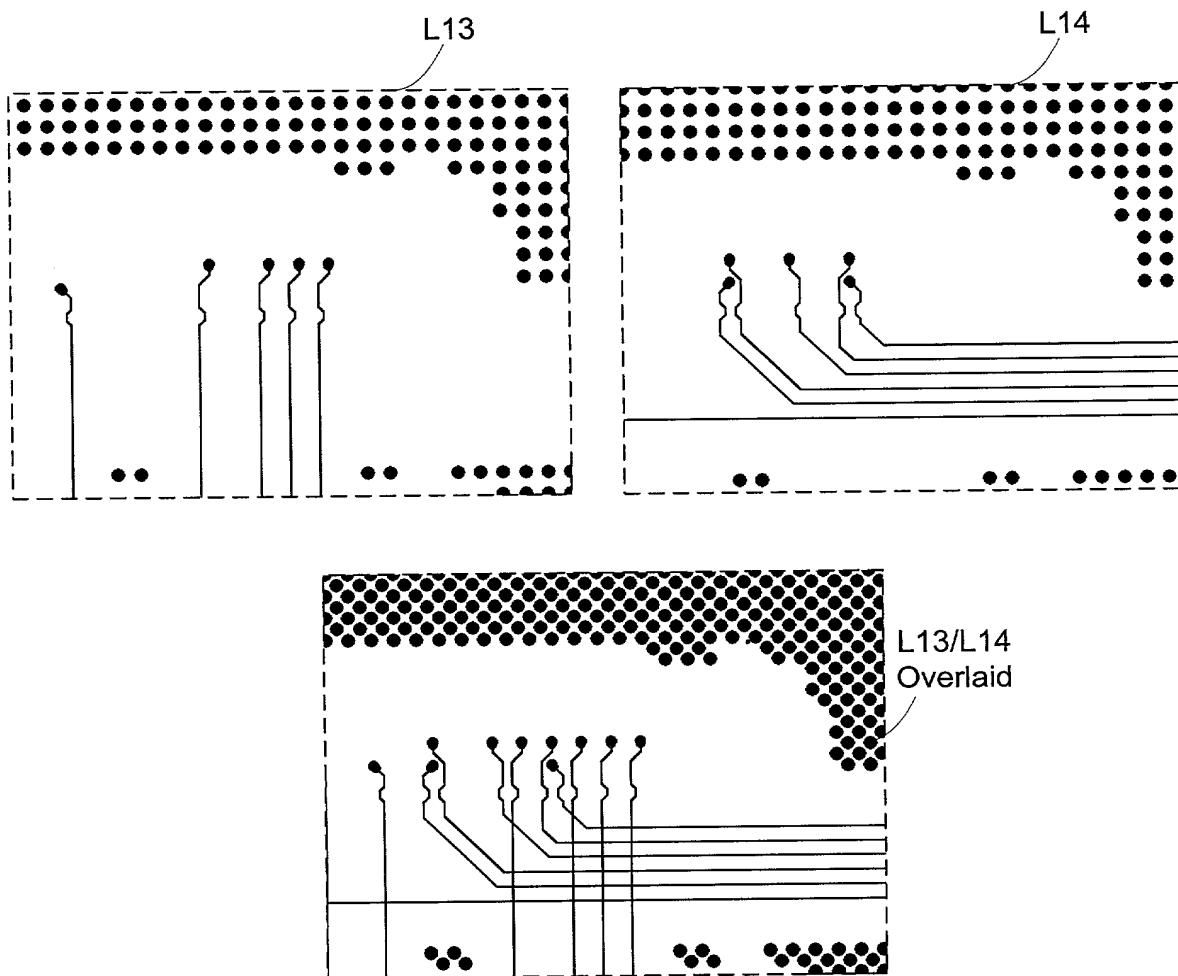


Fig. 25

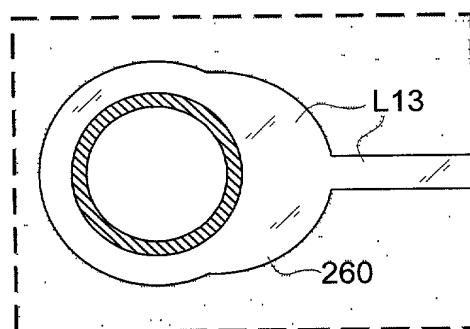


Fig. 26